FILE TABLE COPY PROTECTION FOR A STORAGE DEVICE
WHEN STORING STREAMING CONTENT

ABSTRACT OF THE DISCLOSURE

Copy protection is provided at a mass storage
device provided in or connected to a decoder for
receiving digital transmissions of audio and video
program material by virtual scrambling of blocks of

5   data. Non-sequential storage locations for blocks
of data are defined in accordance with a key and the
file allocation table is encrypted and stored. Thus
blocks of data remain intact and need not be
decrypted upon playback, reducing processing time,

10   while the program is effectively protected from
reassembly without decryption of the file allocation
table. The key(s) may be maintained internally
within the decoder and need not be shared, thus
avoiding a need for user identification and/or

15   authentication. Software for encryption, including
keys may be downloaded to the decoder through the
same transmission link used for transmission of data
files that may be encrypted in response to control
signals or flags transmitted with data files to be

20   protected.

END000010US1 (00240076AA)